

IN THE CLAIMS

Please cancel claims 3-5, without prejudice or disclaimer.

Please amend claims 1 and 6-7 as follows:

1. (currently amended) An extreme value measuring process of a handheld laser distance measuring device (1), wherein, in a first step, an input means (2) is actuated that triggers a measurement sequence, during which, in a second step, individual measurements of distances to a plurality of different measurement points along a measurement path (10) are made triggered by the handheld laser distance measuring device (1) and, in a third step, one of at least one maximum value (4) and one minimum value (5) relative to the measurement sequence is determined by the handheld laser distance measuring device (1) from the individual measurements, wherein an extreme value difference (6) relative to the measurement sequence is automatically calculated by the handheld laser distance measuring devices using at least one minimum value (5) and at least one maximum value (4);

wherein, in the second step, the measurement path (10) covers at least in part a surface (9) and an object (8) arranged in front of said surface (9); and

wherein, in a further step, the computed extreme value difference (6) is displayed directly on a display means (4).

2. (original) The extreme value measurement process of claim 1, wherein, in the third step, after computation by the handheld laser distance device the measurement sequence is expanded and continued with the second step.

Claims 3-5 (canceled).

6. (currently amended) The extreme value measurement process of claim [[5,]] 1, wherein, in yet a further step, the extreme value difference (6) is used as a parameter of a further basic measuring task.

7. (currently amended) ~~The extreme value measurement process of claim 6,~~
An extreme value measuring process of a handheld laser distance measuring device (1), wherein, in a first step, an input means (2) is actuated that triggers a measurement sequence, during which, in a second step, individual measurements of distances to a plurality of different measurement points along a measurement path (10) are made triggered by the handheld laser distance measuring device (1) and, in a third step, one of at least one maximum value (4) and one minimum value (5) relative to the measurement sequence is determined by the handheld laser distance measuring device (1) from the individual measurements, wherein an extreme value difference (6) relative to the measurement sequence is calculated by the handheld laser distance measuring devices using at least one minimum value (5) and at least one maximum value (4);
wherein, in the second step, the measurement path (10) covers at least in part a surface (9) and an object (8) arranged in front of said surface (9);
wherein, in a further step, the computed extreme value difference (6) is displayed directly on a display means (4);
wherein, in yet a further step, the extreme value difference (6) is used as a parameter of a further basic measuring task; and
wherein, in the third step, a plausibility test is done using an analysis of the individual measurements.

8. (original) The extreme value measurement process of claim 7, wherein depending on the plausibility test on a display means (3) one of a message and an error tolerance (11) on a display means (3) is displayed.

9. (original) A handheld laser distance measuring device for carrying out the extreme value measurement process of claim 1, comprising an input means (2) for activating an extreme value measurement process for joint determination of both a minimum value (5) and a maximum value (4) of the distance of a measurement sequence.

10. (original) The hand held laser distance measuring device of claim 9, wherein the display means (3) provides a direct display of the extreme value difference (6).

11. (original) The handheld laser distance measuring device of claim 9, wherein the display means (3) provides a direct display of the minimum value (5) and the maximum value (4).